

**Bulletin Number 242****Power Supply Replacement Directions****DP569 Multichannel Dolby Digital Encoder**

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|--|
| <input type="checkbox"/> Modification Urgent                         |
| <input type="checkbox"/> Modification Recommended                    |
| <input type="checkbox"/> Modification Required if Problem Is Present |
| <input type="checkbox"/> Modification Required on Early Units        |
| <input checked="" type="checkbox"/> Information Bulletin             |

**Required Tools and Parts**

Tools required: 2 millimeter Allen wrench, #1 Phillips screwdriver

Parts Needed: Replacement power supply (Dolby® Part Number 4900140) or Universal Microelectronics UP0403A-03

**Replacement Procedure**

1. Remove power from the unit.
2. Remove the screws holding the top cover in place. Begin with the three Allen cap screws in the front panel. Figure 1, Figure 2, and Figure 3 show the screws.



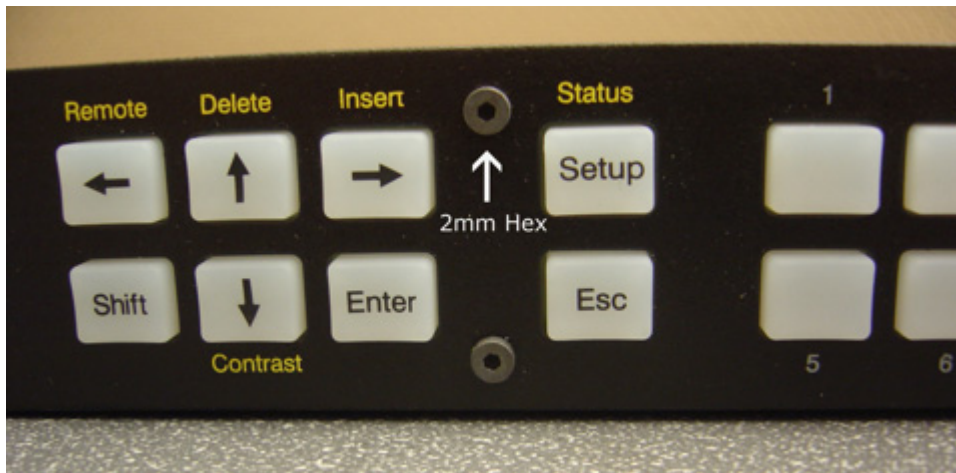
**Figure 1** DP569 Front Panel (Left Side)

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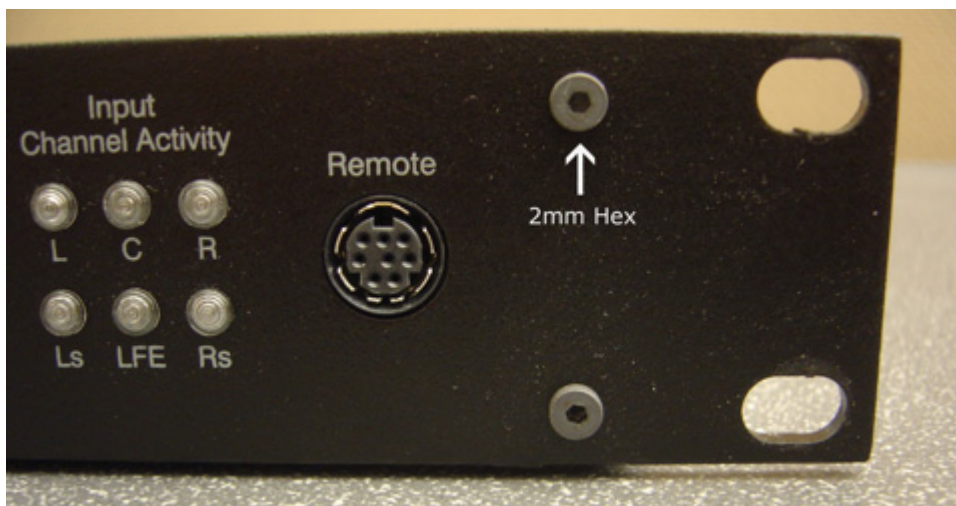
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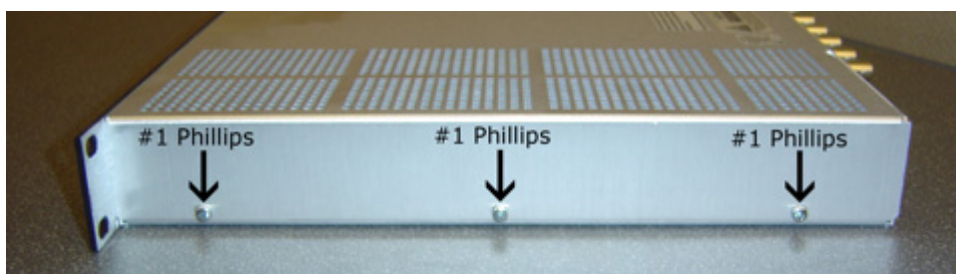


**Figure 2** DP569 Front Panel (Center)



**Figure 3** DP569 Front Panel (Right Side)

3. Remove the three Phillips head screws in each side. Figure 4 shows the screws in one side.



**Figure 4** Side Screw Locations

4. Remove three Phillips screws on the back panel. Figure 5, Figure 6, and Figure 7 show the screws.



Figure 5 DP569 Back Panel (Left Side)



Figure 6 DP569 Back Panel (Center)

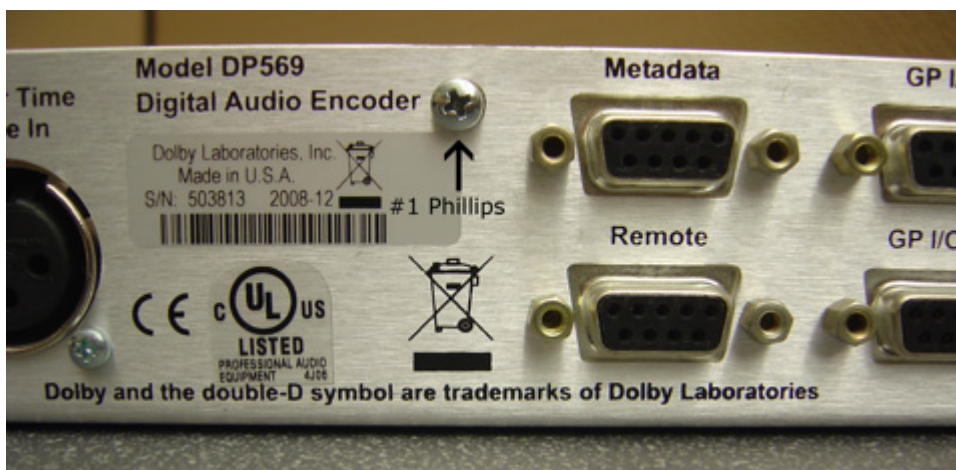
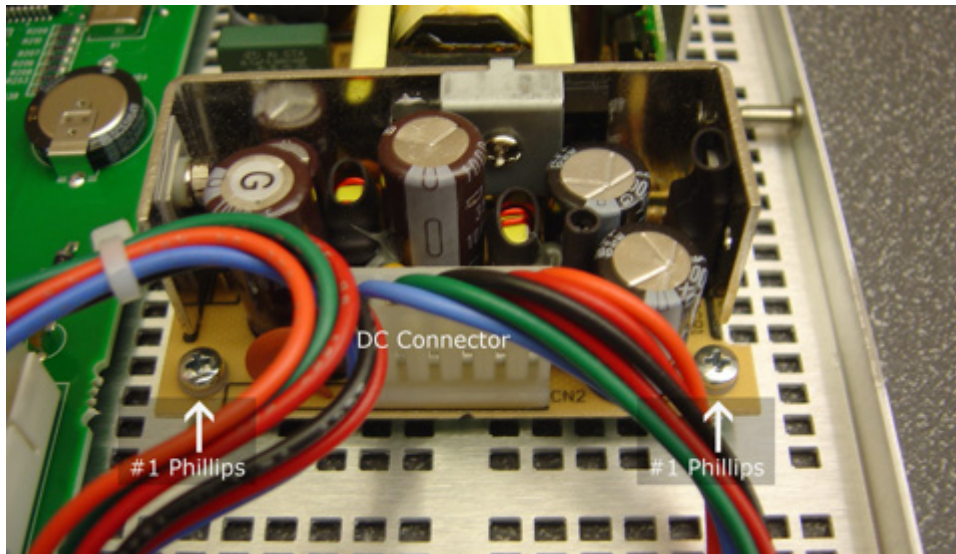


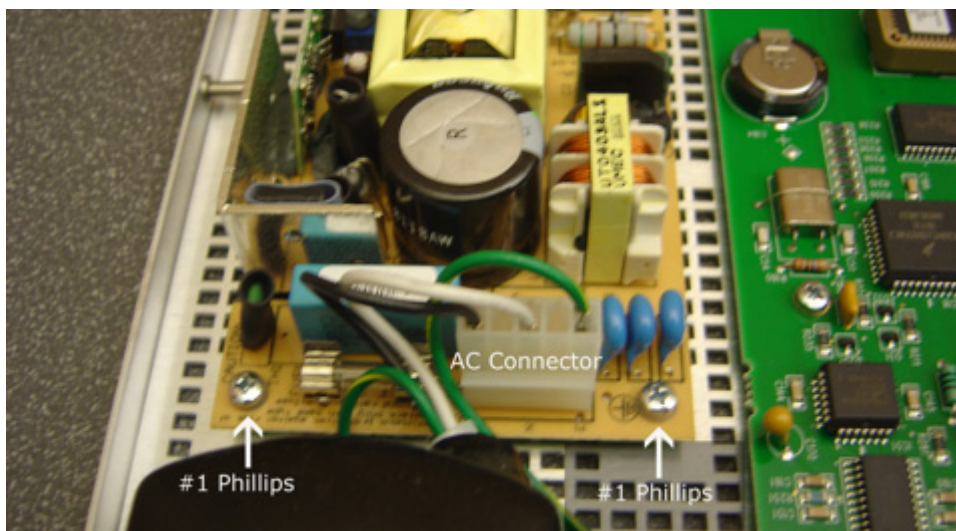
Figure 7 DP569 Back Panel (Right Side)

5. Remove the top cover.
6. Unplug the connectors from both ends of the power supply module. Figure 8 shows the DC connector. Figure 9 shows the AC connector.



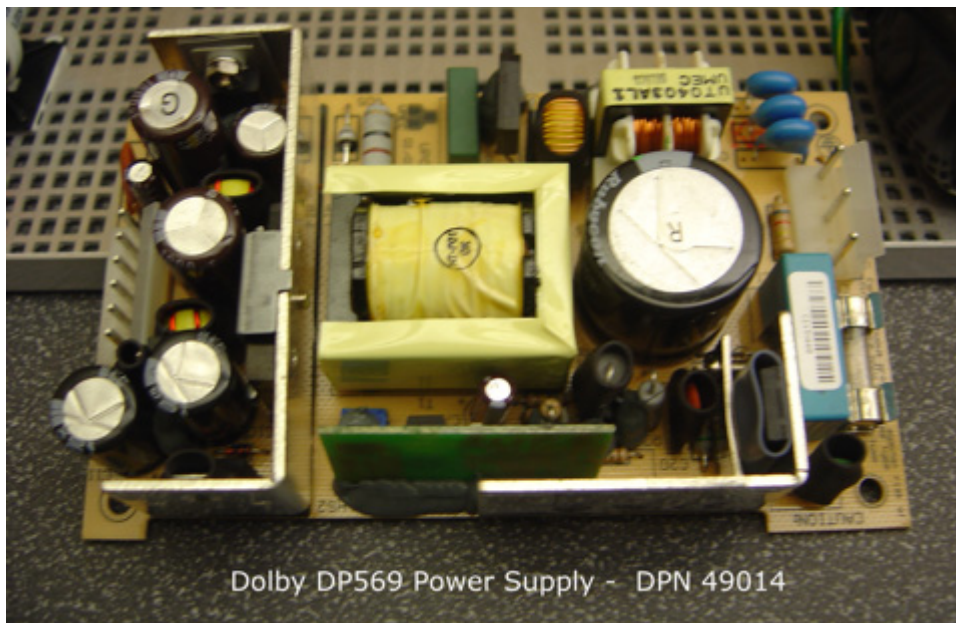


**Figure 8** DC Connector and Attaching Screws



**Figure 9** AC Connector and Attaching Screws

7. Remove the four Phillips head screws, shown in Figure 8 and Figure 9, that hold the power supply module in place.
8. Remove the old module.
9. Install the new power supply, noting correct orientation of the connectors. Figure 10 shows the replacement module.



**Figure 10** Replacement Power Supply Module

10. Plug the AC and DC connectors into the power supply module.
11. Replace the top cover.
12. Insert and tighten all screws.
13. Check the fuse, and replace as needed with the appropriate sized fuse.



**Figure 11** Fuse Location

14. Plug in the unit, and verify that it functions.